

**NPM 12:** *Percentage of newborns who have been screened for hearing before hospital discharge.*

Annual Objective and Performance Data	Tracking Performance Measures (Sec 485 (2)(2)(B)(iii) and 486 (a)(2)(A)(iii))				
	2000	2001	2002	2003	2004
Annual Performance Objective	50	70	90	93	94
Annual Indicator	71.0	89.1	93.8	94.5	94.5
Numerator	31,105	58,757	63,269	64,921	65,528
Denominator	43,799	65,913	67,431	68,688	69,308
Is Data Provisional or Final				Final	Final
	2005	2006	2007	2008	2009
Annual Performance Objective	95	95	96	96	97

#### Notes - 2002

Comment: Data collected via fax-back survey of all birth hospitals in early 2003.

Data issues: Numbers of births and babies screened are self-reported on the fax-back survey.

Beginning in 2004, data will be collected from the new Wisconsin Early Hearing Detection and Intervention Tracking, Referral and Coordination (WE-TRAC) System.

#### Notes - 2003

Comment: Data on hearing screening are reported on one page of the newborn blood-spot card that goes to the Wisconsin State Lab of Hygiene. The data are delivered to us as a tab delimited file at least once a month, converted to a SAS dataset, and used to compile monthly reports on hearing screening in Wisconsin. The hearing screening records are also sent directly to the Wisconsin Early Hearing Detection and Intervention Tracking Referral and Coordination (WE-TRAC) System.

Data issues: Hearing screening results are occasionally separated from the blood card, delaying accurate reporting. Alternatively, sometimes the blood screening is repeated, but not the hearing screening, therefore, there may be duplicate (inaccurate) reporting. Beginning in 2005, data will be collected directly from WE-TRAC which will place accurate testing and follow-up responsibility on the birth hospitals, lessening the possibility that hearing screening results (and follow-up services) will be lost or delayed.

#### Notes - 2004

Data on hearing screening are reported on one page of the newborn blood-spot card that goes to the Wisconsin State Lab of Hygiene. The data are delivered as a space-delimited file at least once a month, converted to a SAS dataset, and used to compile monthly reports on hearing screening in Wisconsin. The hearing screening records are also sent directly to the Wisconsin Early Hearing Detection and Intervention Tracking Referral and Coordination (WE-TRAC) System.

Data issues: Hearing screening results are occasionally separated from the blood card, delaying accurate reporting. Alternatively, sometimes the blood screening is repeated, but not the hearing screening, therefore, there may be duplicate (inaccurate) reporting. Beginning in 2005, data will be collected directly from WE-TRAC which will place accurate testing and follow-up responsibility on the birth hospitals, lessening the possibility that hearing screening results (and follow-up services) will be lost or delayed.

**a. Last Year's Accomplishments**

**1. Support Services for Parents--Enabling Services--CSHCN**

The Second Annual Conference for Families of a Deaf or Hard of Hearing Child was planned by parents and sponsored by the Wisconsin Educational Services Program for the Deaf and Hard of Hearing (WESPDHH) Outreach Program with support from DPI, DHFS and WSB. Attendance was double that of the first conference.

The Guide-By-Your-Side (GBYS) program, a parent support program, grew out of the 2003 Parent Summit. GBYS is funded by a DPI discretionary grant administered by the WESPDHH Outreach program. GBYS matches trained parents ("Parent Guides") with parents of newly identified children who are deaf or hard of hearing. Parent Guides are paid for up to three visits to provide support, unbiased information and links to resources like early intervention. Bilingual Parent Guides fluent in Spanish and ASL are available statewide.

**2. Wisconsin Sound Beginnings (WSB)/Congenital Disorders Program--Population-Based Services--Pregnant women, mothers, and infants**

The NBS program distributed a revised blood card with changes to hearing screening fields. WSB contributed to the NBS annual newsletter and the "Wisconsin Health Care Professionals' Guide to Newborn Screening."

**3. Outreach/Public Education--Enabling Services--Pregnant women, mothers, and infants**

The Wisconsin EHDI/American Academy of Pediatrics (AAP) Chapter Champion submitted a grant proposal to the AAP. The proposal was funded and was used to work collaboratively with the Wisconsin Chapter of Hands and Voices to launch an awareness campaign during May, Better Speech and Hearing Month. Legislative invites were hand delivered by children and their parents, radio interviews were conducted and aired, and a breakfast with legislators was convened.

**4. The Wisconsin Pediatric Audiology Training--Infrastructure Building Services--CSHCN**

WSB presented at the Wisconsin Speech Pathology and Audiology Association (WSHA) fall update and annual spring conference on pediatric audiology topics and the Guide-By-Your-Side Program.

**5. Home Births Initiative--Direct Health Care Service--Pregnant women, mothers, and infants**

A grant was submitted to AHEC for hearing screening equipment for the Western Region home birth population but was denied.

**6. Guide-By-Your-Side Program--Infrastructure Building Services--CSHCN**

Regional interviews were conducted, and parent guides were hired and trained.

**7. WE-TRAC--Infrastructure Building Services--CSHCN**

Based on analysis of data from the blood card, both automated and manual de-duplication processes in WE-TRAC were enhanced. PCP involvement in WE-TRAC and the early intervention components of WE-TRAC have begun to be defined to include the State Birth-3 Program and GBYS programs. The CHL form, "Just-In-Time" information for physicians, and NBS data reports were also made available on the WE-TRAC website.

Activities	Pyramid Level of Service			
	DHC	ES	PBS	IB
1. Support services for parents		X		
2. Wisconsin Sound Beginnings (WSB)/Congenital Disorders Program			X	
3. Outreach/Public Education		X		
4. Wisconsin Pediatric Audiology Training				X
5. Home Births Initiative	X			
6. Guide-By-Your-Side Program				X
7. WE-TRAC				X

## **b. Current Activities**

### **1. Outreach/Public Education--Enabling Services--Pregnant women, mothers, and infants**

WSB will continue to make available outreach materials related to the importance of screening such as "A Sound Beginning for Your Baby" to hospitals and providers through necessary reprinting. WSB will also provide consultation to the development of a Spanish version of the Babies and Hearing Loss Interactive Notebook for Families. WSB will distribute a mailing to pediatric primary care providers regarding next steps in the care of a child diagnosed as deaf or hard of hearing, as well as special considerations for conditions such as unilateral hearing loss and Usher's Syndrome.

### **2. Support Services for Parents--Enabling Services--CSHCN**

The Third Annual Conference for families with deaf, deaf-blind, and hard of hearing children occurred in March 2005. 120 Families (560 people including volunteers and staff) attended the conference. Ten Spanish Speaking families also attended this year. The GBYS Program continues to be supported through ongoing training and promotion. 32 Families have been enrolled in the GBYS program including 10 Spanish speaking families.

### **3. Birth-3 Technical Assistance Network--Infrastructure Building Services--CSHCN**

Discussions will continue with key partners to provide the Birth-3 Technical Assistance Network with oversight and direction as well as to continue to foster support and commitment to the importance of the existence and function of this network. Issued capacity building mini-grants to Birth-3 Programs. Mini-grants focus on increasing positive outcomes, especially as it pertains to the promotion of language and social emotional development in young children who are deaf or hard of hearing. Applicants were encouraged to demonstrate collaboration across programs, agencies and systems statewide, including GBYS and WESPDHH. Grantees will be brought together to demonstrate the outcomes of their grant projects and learn from one another.

### **4. WSB/Congenital Disorders Program--Population-Based Services--Pregnant women, mothers, and infants**

WSB will continue to provide regular updates regarding hearing screening through the WSLH Newborn Screening Program Newsletter. Congenital Disorders staff at the State Lab of Hygiene are becoming familiar with the WE-TRAC System so that they can do some system management functions.

### **5. UNHS Implementation Workgroup--Infrastructure Building Services--CSHCN**

The Workgroup will continue to meet quarterly. From this network of committed individuals new projects will be identified and addressed. This group will continue to advise the direction and focus of the Wisconsin Sound Beginnings Program.

6. WE-TRAC--Infrastructure Building Services--CSHCN

Phased statewide rollout will continue to hospitals, audiologist, and clinical practice organizations.

**c. Plan for the Coming Year**

1. Outreach/Public Education--Enabling Services--Pregnant women, mothers, and infants

A poster targeted to families will be designed and distributed to physicians, Birth-3 Programs and Early Head start programs. The purpose of the poster will prompt parents to ask questions and initiate discussion with their physician about their baby's hearing. The poster will also serve as a reminder to the physician that a baby's hearing status is important.

2. Support Services for Parents--Enabling Services--CSHCN

The Fourth Annual Conference for families with deaf, deaf-blind, and hard of hearing children will occur in March 2006 in the Northeastern region of the state. Past conferences have been held in the Southern region. The Guide-By-Your-Side Program will be expanded. Parents of deaf and hard of hearing children who are already serving as Parent Guides with the GBYS Program will receive additional training on how to make phone calls to parents after their baby refers. This expansion of the GBYS Program will be called the GBYS Follow-Through Program. Consent will be needed to participate. Three different support materials will be developed; a Talking Points Guide for Nurses, "Follow-Through Card", and a referral form. The Talking Points Guide will assist nurses in discussing the screening results and the Follow-Through Program. The card will inform families about their parent guide and contact information. The referral form will gather parent contact information and consent. The referral form will be sent to the WSB Program Director who will then notify the Parent Guide to contact the family as soon as possible. The Follow-Through Parent Guides will: a) stress the importance of following up; b) assist with follow-up appointment; and c) problem solve any barriers to follow-up.

3. Birth-3 Technical Assistance Network--Infrastructure Building Services--CSHCN

An early intervention summit will be planned for Fall of 2006. National and local experts will introduce research that supports best practices for early intervention of young deaf and hard of hearing children. The mini-grantees will also present on the outcomes of their mini-grants. State leaders, parents will be invited to participate in the last two days of the summit. The national experts will facilitate discussion related to strategies for implementing best practices in early intervention and help state leaders develop a plan for future directions

4. UNHS Implementation Workgroup--Infrastructure Building Services--CSHCN

The Workgroup will continue to meet quarterly to advise the direction of the Wisconsin Sound Beginnings Program and provide feedback on current initiatives.

5. Reduce Lost to follow-up--Infrastructure Building Services--CSHCN

Develop statewide referral networks of Early Hearing Detection and Intervention Stakeholders through provider mini-grants and the development of quality assurance guidelines.